

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3 0.0/4.0	407a 08S30	1204

Syn Yee Chin 03/08/10
 REGISTERED ELECTRICAL ENGINEER DATE

05-06-2010
 PLANS APPROVAL DATE

PB AMERICAS, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

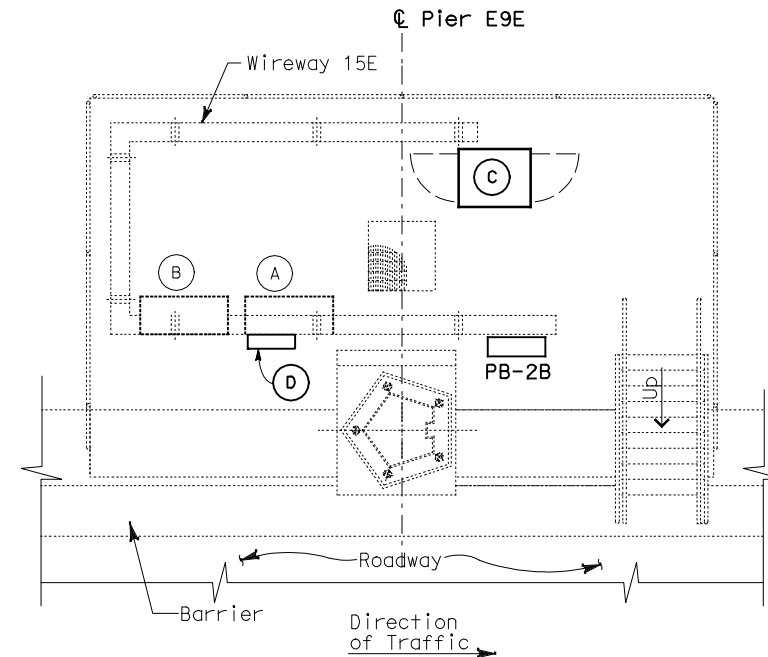
REGISTERED PROFESSIONAL ENGINEER
 SYN YEE CHIN
 No. 18186
 Exp. 09/30/2011
 ELECTRICAL
 STATE OF CALIFORNIA

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Caltrans now has a web site To get to the web site, go to <http://www.dot.ca.gov>

EQUIPMENT SCHEDULE:

- | | |
|--|--|
| <p>(A) Utility Panel UP-237
100 A, 208/120 V, 3-Phase, 4-Wire</p> <p>(B) Lighting Panel LP-257
100 A, 208/120 V, 3-Phase, 4-Wire</p> <p>(C) Controller Cabinet #TOS-15EA</p> | <p>(D) Telephone Terminal Box
#TEL-15E</p> <p>(E) Scada Communication
Terminal Box #COM-15E</p> <p>(F) Fiber Optic Splice Closure
#FSC-15E</p> |
|--|--|




SERVICE PLATFORM #15E
EQUIPMENT ARRANGEMENT PLAN
SCALE: 1:40

- NOTES:

1. This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-287 from Skyway Structures, contract No. 04-012024.
2. The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Eastbound, typical Details sheets.
 - Terminate already installed 50 pair telephone cable in Telephone Terminal Box. See sheets E-961, E-963 and E-965.
 - Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheet E-837.
 - Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheet E-983.
 - Inspect for system ground continuity. See sheets E-839 and E-840.
3. All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

SHEET NOTES:

- ① Furnish and install splice cable tray as shown on sheet E-836, plan detail 2.
- ② Mount splice cable tray between diaphragms, and secure properly. See sheet E-836, section detail 4.
- ③ Contractor shall locate the splice cable tray at Station 72+68 as shown on E-808.
- ④ Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connector. See sheets E-972 and E-973.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE						
	03/08/10	MEP INTEGRATION			SYC	FW 110
MARK	DATE	DESCRIPTIONS			BY	CH'D CCO#
REVISIONS						

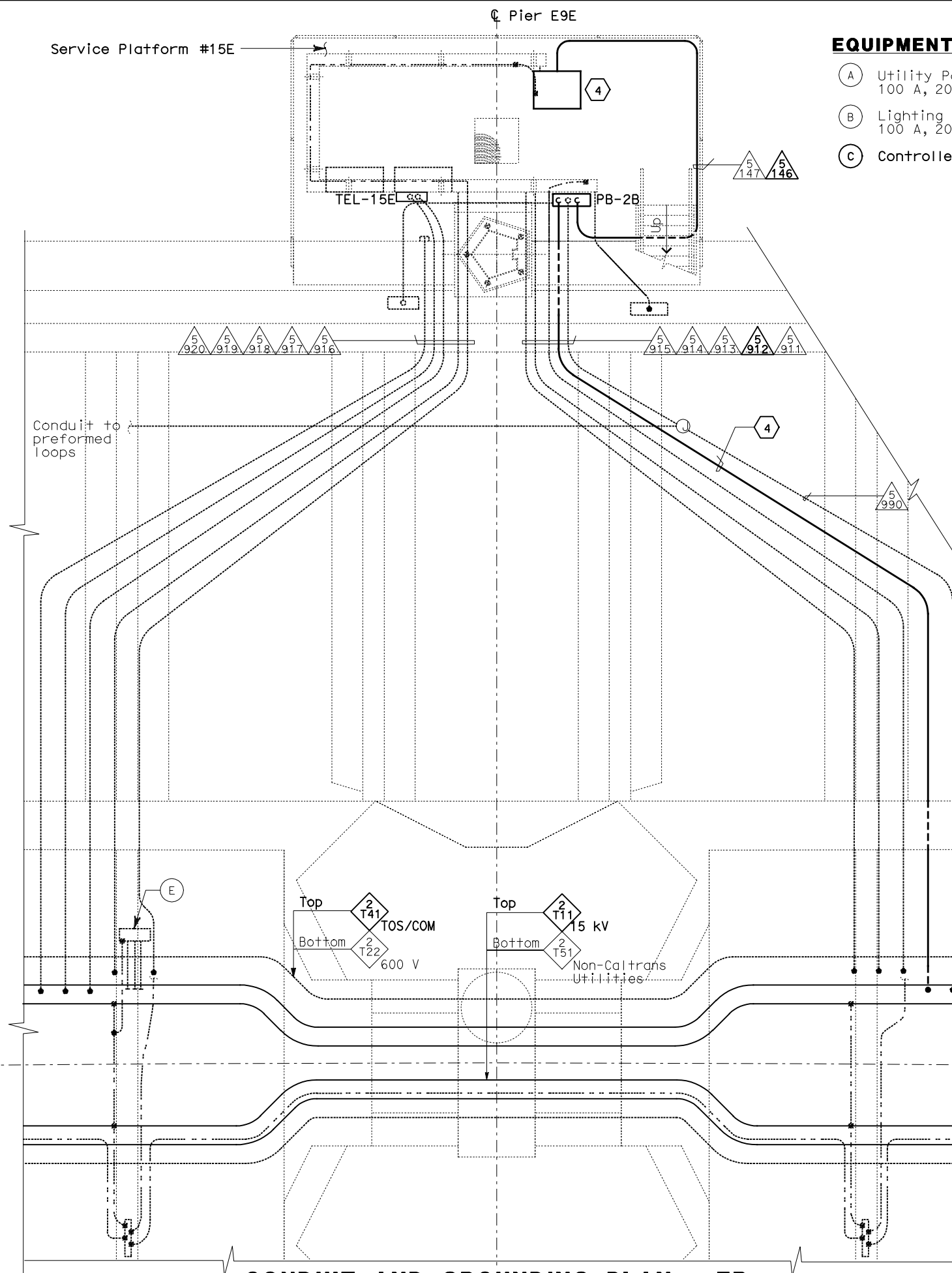
CONTRACT CHANGE ORDER NO. _____
SHEET OF _____

DETAILS

**BRIDGE STRUCTURES GIRDER EASTBOUND
SKYWAY STRUCTURES-SERVICE PLATFORM #15E**

SCALE AS NOTED

E-828



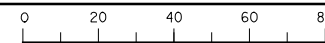
CONDUIT AND GROUNDING PLAN - EB

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

SCALE: 1:40

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL
SCALE IS IN MILLIMETERS



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DGN FILE =>04-0120f1_E-828.dgn
USERNAME =>llorico
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CU 04251

EA 0120F1

DATE PLOTTED => 06-MAY-2010	TIME PLOTTED => 18:25
LAST REVISION	
00-00-00	